

ABSTRACT

A section of piping for a concrete pump delivery system which has improved abrasion resistance and ease of cleaning is shown. The piping has a tubular metal body with an exposed exterior surface and a generally cylindrical internal surface. The internal surface of the tubular metal body is plated with a deposit of chromium to give the section of piping a hard chromium case which resists abrasion. The deposit of chromium is applied by exposing the internal surface of the tubular metal body to an aqueous electrolyte solution at a current density and at a plating temperature sufficient to form a chromium deposit of desired thickness on the internal surface.